# DISCOVERY

## 2009 Model Year

### XCM-Series Motorhome Chassis

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>BENEFIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-Year, 50,000-Mile Warranty</td>
<td>Best in The Industry</td>
</tr>
<tr>
<td>50,000 PSI Frame Rail</td>
<td>Solid Foundation</td>
</tr>
<tr>
<td>55-Degree Wheel Cut</td>
<td>Excellent Maneuverability</td>
</tr>
<tr>
<td>400 Dealers</td>
<td>Service Where You Need It</td>
</tr>
</tbody>
</table>

*Driven By You*
**XCM SERIES**

### Engine
- Cummins ISB turbocharged, aftercooled
- 6.7 L electronic diesel
- Peak HP: 350 HP @ 2,600 rpm
- Peak Torque: 750 lb•ft (1017 N•m) @ 1,800 rpm

### Transmission
- Allison 3000 MH six-speed automatic with lock up
- Gear Ratios:
  - First: 3.49:1
  - Second: 1.86:1
  - Third: 1.41:1
  - Fourth: 1.00:1
  - Fifth: .75:1
  - Sixth: .65:1
  - Rev.: 5.03:1

### Vehicle Weight Ratings
- Front GAWR: 12,000 lb (5448 kg)
- Rear GAWR: 19,000 lb (8626 kg)
- GVWR: 31,000 lb (14,074 kg)
- GCWR: * 41,000 lb (18,614 kg)

### Front Wheelbase
- 228in (5791mm)
- 252in (6401mm)
- 276in (7010mm)

### Front Axle
- Capacity: 12,000 lb (5448 kg)
- Track Width: 82.89 in (2105 mm)

### Rear Axle
- Drive Ratio: 4.78:1
- Capacity: 19,000 lb (8626 kg)
- Track Width: 72.1 in (1830 mm)

### Brakes
- Full air brakes with auto slack adjusters and ABS
- Front Service: 15 x 4 in drum-style s-cam
- Rear Service: 16.5 x 7 in drum-style s-cam
- Parking: 16.5 x 7 in drum-style s-cam
- Spring-applied air release

### Cooling System
- Radiator Core: 2 rows, 15 FPI, 1191 in 2 (7685 cm 2) area
- Radiator Type: Cross-flow, rear-mounted
- Charge Air Cooler: Cross-flow, rear-mounted
- Transmission Oil Cooler: Remote-mounted water-to-oil
- Fan: Belt-driven with viscous fan clutch

### Electrical System
- Alternator: Leece-Neville 170 amp
- Starting: Denso 12 volt
- Battery: Two 760 CCA @ 0°F (-18°C), maintenance-free

### Frame
- Modular frame rail with lowered rear section
- Max Resist. Bending Moment: 495,800 lb•in (56 010 N•m)
- Max Frame Section: 9.00 x 2.75 x 5/16 in

### Fuel Tank
- 100 gal (379 L), dual fuel fill

### Steering System
- TRW THP 60, integral hydraulic power gear
- Rating: 12,000 lb (5448 kg)
- Ratio: 20.4:1
- Pump: Gear-driven
- Wheel Cut: 55°

### Suspension
- Neway air suspension (front and rear)
- Shock Absorber: Tuned shocks, Sachs
- Heavy-duty Stabilizer Bar Diam: 1.50 in (38 mm) (front)

### Tires
- Goodyear G670 RV 275/70R 22.5 LRH

### Wheels
- 4 aluminum 2 steel 22.5 x 8.25 in (572 x 210 mm)
  - with 10 bolt lugs 11.25 in (285.75 mm) diameter bolt center

### Instrumentation
- Gauges: speedometer • tachometer
  - • engine oil pressure • water temperature
  - • voltmeter • fuel level • dual air pressure

---

For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 4/01/08, and are subject to change without notice. Ratings are general guidelines. Illustrations may include optional equipment and accessories but may not include all standard equipment. To order more sales literature call 1-800-585-8831.

Copyright 2008, Freightliner Custom Chassis Corporation. All rights reserved.
Freightliner Custom Chassis Corporation is a subsidiary of Daimler Trucks North America LLC, a Daimler company.